

REMARKS:

The preceding claim amendments and the following remarks are submitted as a full and complete response to the Office Action issued on July 1, 2010. Applicants acknowledge that claims 2, 5 and 13 are allowed. Claim 7 has been amended.

Support for this amendment can be found throughout the specification, for example, on page 15, lines 19-20. No new matter has been added. Claims 1, 4, 6 and 10 are cancelled without prejudice or disclaimer. Accordingly, claims 2, 5, 7 and 13 are currently pending. Reconsideration of all outstanding rejections is respectfully requested.

Claim Rejections Under 35 U.S.C. §102

Claims 1, 4, 6 and 10 are rejected under 35 U.S.C. § 102(b) as anticipated by Greene et al. ("Low-Temperature Wafer-Scale production of ZnO nanowire Arrays", Angew. Chem. Int. Ed. 2003, 42, 3031-3034)(“Greene”). Without acquiescing to the propriety of the Patent Office's position in this rejection, Applicants have cancelled the rejected claims, which renders this rejection moot. The cancellation of these claims is made solely for the purpose of advancing this case towards allowance. Applicants reserve the right to pursue the subject matter of the cancelled claims in the future. In view of the cancellation of these claims, withdrawal of this rejection is respectfully requested.

Claim Rejections under 35 U.S.C. § 102/103

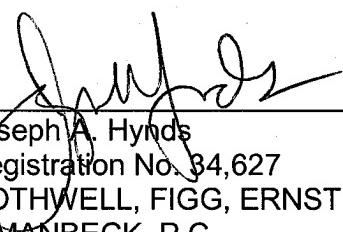
Claim 7 is rejected under 35 U.S.C. § 102(b) as anticipated by, or in the alternative, under 35 U.S.C. § 103(a) as obvious over Greene. Applicants

respectfully traverse this rejection.

Applicants note that claim 7 has been amended to recite “wherein the [0001] plane is vertically aligned with respect to the substrate.” However, Greene fails to teach or suggest this new feature. In fact, Greene does not disclose “nanowall” at all and its disclosure is limited to “nanowire(nanorod).” Regarding this recited feature, the specification of the present application clearly states that the [0001] planes play an important role in laser. Since the [0001] planes are oriented perpendicularly to the substrate, external light can efficiently pass through the [0001] planes. See page 15, lines 8-11. Given the Greene’s lack of disclosure of this new feature, therefore, Applicants respectfully submit that the claimed ZnO nanowall array of claim 7 would not have been obvious over Greene. Reconsideration and withdrawal of the rejection of claim 7 are respectfully requested.

In light of the foregoing, Applicants submit that all outstanding rejections have been overcome, and the instant application is in condition for allowance. Thus, Applicants respectfully request early allowance of the instant application. The Commissioner is hereby authorized to charge any fees or credit any overpayment to Deposit Account No. 02-2135.

Date: October 1, 2010

By: 

Joseph A. Hynds
Registration No. 34,627
ROTHWELL, FIGG, ERNST
& MANBECK, P.C.
1425 K Street, N.W., Suite 800
Washington, D.C. 20005
Telephone: (202)783-6040
jhynds@rfem.com
Attorney for Applicants

JAH/JMK/jpf
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